

## ABSTRACT OF THE DISCLOSURE

Power line monitoring is disclosed. The monitoring can be performed in conjunction with an automation system designed to control and monitor devices and sensors. Model-based power line monitoring uses a model of acceptable power line activity. Activity that does not conform to the model is tagged as indicating a potential problem. Pattern-based power line monitoring uses patterns of unacceptable power line activity. Activity that matches one of the patterns is also tagged as indicating a potential problem.

DETAILED DESCRIPTION

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to addressee" service under 37 CFR § 1.10 in an envelope addressed to The Assistant Commissioner for Patents, Washington, DC 20231, on Aug 17, 2000, by Michael Dryja, and having "express mail" mailing label no. EK994740864US.

\_\_\_\_\_  
Signature of Michael Dryja